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 SET LINELENGTH 78  
 Pick L1 615 S IMAGE (3W) (EDIT OR EDITING) 08/378,819  
 L2 76 S MPEG AND JPEG  
 Number L3 1 S L2 AND L1  
 (1) L4 478 S MPEG OR JPEG  
 (4) L5 9 S L4 AND L1  
 (7) L6 961 S INTRAFRAME OR INTERFRAME  
 (10) L7 961 S INTRAFRAME OR INTERFRAME  
 (13) L8 214 S INTRAFRAME AND INTERFRAME  
 (16) L9 1 S L8 AND L1  
 (19) L10 10 S L3 OR L5 OR L9  
 (22) L11 2 S L8 AND ANIMATION  
 (25) L12 178 S L8 AND IMAGE  
 (28) L13 131 S L12 AND (ENCOD? AND DECOD?)  
 Please L14 120 S L13 AND (348?/CCLS OR 358?/CCLS OR 395?/CCLS)  
 L15 71 S L2 NOT L14

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List p 1. 5,467,131, Nov. 14, 1995, Method and apparatus for fast digital signal  
 (P) decoding; Vasudev Bhaskaran, et al., 348/384, 390 [IMAGE AVAILABLE]  
 (D)  
 (S)  
 (S) 2. 5,461,679, Oct. 24, 1995, Method and apparatus for encoding/decoding  
 (S) image data; James O. Normile, et al., 382/304, 305; 395/163, 474, 650 [IMAGE  
 (S) AVAILABLE]

Please 3. 5,461,422, Oct. 24, 1995, Quantizer with automatic pre-threshold;  
 (C) Hsun-Chang Hsieh, 348/405, 419; 358/261.1 [IMAGE AVAILABLE]  
 (L)

Execut 4. 5,457,780, Oct. 10, 1995, System for producing a video-instruction set  
 (E) utilizing a real-time frame differential bit map and microblock subimages;  
 (S) Venson M. Shaw, et al., 395/165; 348/384, 400; 382/305 [IMAGE AVAILABLE]

5. 5,453,946, Sep. 26, 1995, DCT peripheral for a digital signal processor;  
 (S) Paul E. Cohen, 364/725 [IMAGE AVAILABLE]

6. 5,452,466, Sep. 19, 1995, Method and apparatus for performing DCT and  
 (S) IDCT transforms on data signals with a preprocessor, a post-processor, and a  
 (S) controllable shuffle-exchange unit connected between the pre-processor and  
 (C) post-processor; Gerhard Fettweis, 395/800; 364/260.4, 725, DIG.1, DIG.2  
 (C) [IMAGE AVAILABLE]

7. 5,452,378, Sep. 19, 1995, Image digitizer including pixel engine; B.  
 (R) Joshua Rosen, et al., 382/312; 358/445; 382/251 [IMAGE AVAILABLE]

Pick a 8. 5,452,299, Sep. 19, 1995, Optimized transfer of large object data blocks  
 (U) in a teleconferencing system; Tyler R. Thessin, et al., 370/62; 379/158, 202  
 (S) [IMAGE AVAILABLE]

(T)

(A) 9. 5,450,599, Sep. 12, 1995, Sequential pipelined processing for the  
 (N) compression and decompression of image data; Thomas A. Horvath, et al.,  
 395/800, 250 [IMAGE AVAILABLE]

Retrie 10. 5,450,544, Sep. 12, 1995, Method and apparatus for data buffering and  
 Execut queue management of digital motion video signals; Doug Dixon, et al.,  
 395/164; 345/202 [IMAGE AVAILABLE]

11. 5,448,310, Sep. 5, 1995, Motion estimation coprocessor; Thomas G. Kopet,  
 et al., 348/699, 718, 719; 382/197, 209 [IMAGE AVAILABLE]

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Pick 12. 5,448,307, Sep. 5, 1995, System for combining multiple-format multiple-source video signals; Johan H. A. Gelissen, et al., 348/584, 598, 659 [IMAGE AVAILABLE]

Number 13. 5,446,869, Aug. 29, 1995, Configuration and RAM/ROM control of PCI extension card residing on MCA adapter card; Russell S. Padgett, et al., 395/500; 364/231, 232.7, 925.6, 927.81, 927.92, 929.2, 929.4, 929.5, DIG.1, DIG.2 [IMAGE AVAILABLE]

(1) 14. 5,446,560, Aug. 29, 1995, Method and apparatus for raster to block and block to raster pixel conversion; Edward L. Schwartz, 358/445; 395/115 [IMAGE AVAILABLE]

(4) 15. 5,444,552, Aug. 22, 1995, Method for compressing, processing, and storing grayscale bitmaps; Z. Erol Smith, III, 358/465, 462, 534 [IMAGE AVAILABLE]

Please 16. 5,444,482, Aug. 22, 1995, Digital electronic camera for selectively recording a frame of still image and movie fields of image in a recording medium; Takeshi Misawa, et al., 348/220, 231; 358/335 [IMAGE AVAILABLE]

List P (F) 17. 5,442,747, Aug. 15, 1995, Flexible multiport multiformat burst buffer; (D) Steven S. Chan, et al., 395/164; 365/189.04, 230.05; 395/166 [IMAGE (S) AVAILABLE]

(S) 18. 5,438,423, Aug. 1, 1995, Time warping for video viewing; Eugene F. (S) Lynch, et al., 358/335; 360/13, 33.1 [IMAGE AVAILABLE]

Please (C) 19. 5,438,293, Aug. 1, 1995, Low power analog absolute differencing circuit (L) and architecture; Roberto Guerrieri, et al., 327/355, 361; 395/21, 24 [IMAGE AVAILABLE]

Execut 20. 5,434,808, Jul. 18, 1995, Highly parallel discrete cosine transform engine; Paul E. Cohen, 364/725 [IMAGE AVAILABLE]

21. 5,432,900, Jul. 11, 1995, Integrated graphics and video computer display system; Kenneth E. Rhodes, et al., 395/154; 345/118 [IMAGE AVAILABLE]

22. 5,430,716, Jul. 4, 1995, Path hunt for efficient broadcast and multicast connections in multi-stage switching fabrics; Robert L. Pawelski, 370/58.1, 54, 58.2 [IMAGE AVAILABLE]

23. 5,430,684, Jul. 4, 1995, Memory system for processing digital video signal; Young H. Kim, et al., 365/230.01, 189.01, 189.12, 222, 230.06, 230.08 [IMAGE AVAILABLE]

Pick a 24. 5,428,567, Jun. 27, 1995, Memory structure to minimize (U) rounding/truncation errors for n-dimensional image transformation; Thomas A. (S) Horvath, et al., 364/725, 726, 745; 382/232, 276 [IMAGE AVAILABLE]

(T) 25. 5,426,673, Jun. 20, 1995, Discrete cosine transform-based image coding (A) and decoding method; Sanjit K. Mitra, et al., 375/241; 348/398 [IMAGE (N) AVAILABLE]

Retrie 26. 5,426,652, Jun. 20, 1995, Data reception technique; Arie Heiman, 371/30, 37.1 [IMAGE AVAILABLE]

Execut 27. 5,426,512, Jun. 20, 1995, Image data compression having minimum perceptual error; Andrew B. Watson, 358/426, 432, 433; 382/232 [IMAGE AVAILABLE]

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Model 15 NOV 95 17:04:14 U.S. Patent & Trademark Office P0023

Pick ' 28. 5,420,638, May 30, 1995, Subassembly for coding images with refresh correction of the data to be coded, and subassembly for decoding signals representing these images and previously coded by means of a subassembly of the former kind; Philippe Riglet, et al., 348/409, 700 [IMAGE AVAILABLE]

Number (1) (4) (7) (10) (13) (16) (19) (22) (25) (28) 29. 5,416,604, May 16, 1995, Image compression method for bit-fixation and the apparatus therefor; Goo-man Park, 358/433; 348/384; 358/426 [IMAGE AVAILABLE]

Please 30. 5,414,780, May 9, 1995, Method and apparatus for image data transformation; Shawn V. A. Carnahan, 382/276; 358/403; 382/232 [IMAGE AVAILABLE]

List p 31. 5,414,469, May 9, 1995, Motion video compression system with multiresolution features; Cesar A. Gonzales, et al., 348/408, 416 [IMAGE AVAILABLE]

(R) 32. 5,410,352, Apr. 25, 1995, Image data compressing apparatus; Tohru Watanabe, 348/405, 395, 396, 423 [IMAGE AVAILABLE]

(D) 33. 5,408,470, Apr. 18, 1995, Deferred synchronization of distributed objects; Lewis V. Rothrock, et al., 370/62; 379/202 [IMAGE AVAILABLE]

(S) 34. 5,408,425, Apr. 18, 1995, Split-radix discrete cosine transform; Hsieh S. Hou, 364/725 [IMAGE AVAILABLE]

Please (G) 35. 5,408,274, Apr. 18, 1995, Method and apparatus for compositing compressed video data; Shih-Fu Chang, et al., 348/700, 407, 584, 699 [IMAGE AVAILABLE]

(L) 36. 5,404,437, Apr. 4, 1995, Mixing of computer graphics and animation sequences; Julien T. Nguyen, 395/152; 345/122; 395/153 [IMAGE AVAILABLE]

Execut (R) 37. 5,402,171, Mar. 28, 1995, Electronic still camera with improved picture resolution by image shifting in a parallelogram arrangement; Yoshitomo Tagami, et al., 348/219; 250/208.1; 348/279, 280; 455/344 [IMAGE AVAILABLE]

(S) 38. 5,387,941, Feb. 7, 1995, Data with video transmitter; Gerald D. Montgomery, et al., 348/473, 486, 488, 549 [IMAGE AVAILABLE]

(C) 39. 5,386,300, Jan. 31, 1995, Picture processing system for a natural picture in a facsimile device; Sachiko Kitawaki, 358/426, 539 [IMAGE AVAILABLE]

Pick a (U) 40. 5,381,145, Jan. 10, 1995, Method and apparatus for parallel decoding and encoding of data; James D. Allen, et al., 341/107, 51; 348/397; 358/426 [IMAGE AVAILABLE]

(S) 41. 5,379,351, Jan. 3, 1995, Video compression/decompression processing and processors; Jan Fandrianto, et al., 382/236; 358/432; 382/250 [IMAGE AVAILABLE]

(T) 42. 5,379,122, Jan. 3, 1995, Decompression of standard ADCT-compressed images; Reiner Eschbach, 358/426; 348/384; 358/433 [IMAGE AVAILABLE]

(A) 43. 5,375,068, Dec. 20, 1994, Video teleconferencing for networked workstations; Ricky S. Palmer, et al., 364/514C; 370/62; 395/153 [IMAGE AVAILABLE]

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Pick ' 44. 5,371,551, Dec. 6, 1994, Time delayed digital video system using concurrent recording and playback; James Logan, et al., 348/571, 714; 358/335; 360/10.1; 369/60 [IMAGE AVAILABLE]

Number (1) 45. 5,367,341, Nov. 22, 1994, Digital video editor having lost video frame protection; Peter Schnorf, 348/616; 358/311; 360/14.2, 14.3 [IMAGE AVAILABLE]

(4) 46. 5,363,097, Nov. 8, 1994, Direct sequential-bit variable length decoder; Yung-Jung Jan, 341/67, 63 [IMAGE AVAILABLE]

(7) 47. 5,359,694, Oct. 25, 1994, Method and apparatus for converting image data; Gilles Concordel, 358/445, 433, 435; 382/276 [IMAGE AVAILABLE]

(10) 48. 5,359,676, Oct. 25, 1994, Decompression of standard ADCT-compressed document images; Zhigang Fan, 382/246; 358/433; 382/260 [IMAGE AVAILABLE]

(13) 49. 5,351,046, Sep. 27, 1994, Method and system for compacting binary coded decimal data; Thomas A. Adcox, 341/62, 95 [IMAGE AVAILABLE]

Please List P (F) 50. 5,339,265, Aug. 16, 1994, Optimal unified architectures for the real-time computation of time-recursive discrete sinusoidal transforms; K. J. Ray Liu, et al., 364/725 [IMAGE AVAILABLE]

(D) 51. 5,337,049, Aug. 9, 1994, Efficient coding signal processor; Kenji Shimoda, 341/50; 348/390, 420 [IMAGE AVAILABLE]

(S) 52. 5,325,092, Jun. 28, 1994, Huffman decoder architecture for high speed operation and reduced memory; James Allen, et al., 341/65, 67 [IMAGE AVAILABLE]

(S) 53. 5,321,750, Jun. 14, 1994, Restricted information distribution system apparatus and methods; Joseph S. Nadan, 380/20; 348/5.5, 476; 380/10 [IMAGE AVAILABLE]

Please Execut (E) 54. 5,321,522, Jun. 14, 1994, ADCT compression with minimum compression ratio; Reiner Eschbach, 358/433; 348/384; 358/426, 444, 445 [IMAGE AVAILABLE]

(S) 55. 5,309,528, May 3, 1994, Image digitizer including pixel engine; B. Joshua Rosen, et al., 382/232; 358/445; 382/270, 312 [IMAGE AVAILABLE]

(S) 56. 5,305,400, Apr. 19, 1994, Method of encoding and decoding the video data of an image sequence; Bill Butera, 382/107; 348/415; 382/236 [IMAGE AVAILABLE]

(R) 57. 5,293,228, Mar. 8, 1994, Method for the coding of color images at high compression rate without filtering, corresponding decoding method, coder, decoder and applications; Bernard Marti, 348/391, 472 [IMAGE AVAILABLE]

(A) 58. 5,289,577, Feb. 22, 1994, Process-pipeline architecture for image/video processing; Cesar A. Gonzales, et al., 395/163, 166 [IMAGE AVAILABLE]

(A) 59. 5,289,190, Feb. 22, 1994, Recording/reproducing apparatus including control signal indicating high-efficiency coding; Kenji Shimoda, et al., 341/50; 348/384, 441; 369/84 [IMAGE AVAILABLE]

Retrie 60. 5,287,420, Feb. 15, 1994, Method for image compression on a personal computer; Peter T. Barrett, 382/233; 348/384; 364/715.02; 382/235 [IMAGE AVAILABLE]

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Model	15 NOV 95 17:04:41	U.S. Patent & Trademark Office	P0025
Pick	61. 5,283,646, Feb. 1, 1994, Quantizer control method and apparatus; John E. Bruder, 348/415; 341/76, 77; 348/420; 358/429; 375/245 [IMAGE AVAILABLE]		
Number	62. 5,272,535, Dec. 21, 1993, Image sensor with exposure control, selectable interlaced, pseudo interlaced or non-interlaced readout and video compression; Hammam Elabd, 348/314, 317, 322 [IMAGE AVAILABLE]		
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(13)	63. 5,267,334, Nov. 30, 1993, Encoding/decoding moving images with forward and backward keyframes for forward and reverse display; James O. Normille, et al., 382/236; 348/401, 409; 382/239 [IMAGE AVAILABLE]		
(16)			
(19)			
(22)			
(25)	64. 5,267,021, Nov. 30, 1993, Multiresolution digital television broadcast system; Kannan Ramchandran, et al., 348/469, 723 [IMAGE AVAILABLE]		
(28)			
Please	65. 5,262,875, Nov. 16, 1993, Audio/video file server including decompression/playback means; Earl I. Mincer, et al., 358/335; 348/6 [IMAGE AVAILABLE]		
List	66. 5,253,053, Oct. 12, 1993, Variable length decoding using lookup tables; Ke-Chiang Chu, et al., 348/384; 382/233 [IMAGE AVAILABLE]		
(P)			
(D)			
(S)	67. 5,243,428, Sep. 7, 1993, Method and apparatus for concealing errors in a digital television; Kiran S. Challapali, et al., 348/607, 603, 610; 371/31 [IMAGE AVAILABLE]		
(S)			
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Please	68. 5,237,413, Aug. 17, 1993, Motion filter for digital television system; Paul D. Israelsen, et al., 348/700, 384, 607 [IMAGE AVAILABLE]		
(C)			
(L)			
Executive	69. 5,228,098, Jul. 13, 1993, Adaptive spatio-temporal compression/decompression of video image signals; Regis J. Crinon, et al., 382/240 [IMAGE AVAILABLE]		
(S)			
(S)	70. 5,220,325, Jun. 15, 1993, Hierarchical variable length decoder for digital video data; Bryan D. Ackland, et al., 341/67, 59, 106 [IMAGE AVAILABLE]		
(S)			
(S)	71. 5,216,712, Jun. 1, 1993, Recording apparatus; Kenji Shimoda, et al., 380/4; 348/405; 360/60; 380/3, 23 [IMAGE AVAILABLE]		
(C)			
(C)	72. 5,212,742, May 18, 1993, Method and apparatus for encoding/decoding image data; James O. Normile, et al., 382/166, 234 [IMAGE AVAILABLE]		
(R)			
(A)			
(A)	73. 5,175,617, Dec. 29, 1992, Telephone line picture transmission; Richard S. Wallace, et al., 348/384, 424; 370/69.1 [IMAGE AVAILABLE]		
Pick	74. 5,168,375, Dec. 1, 1992, Image reconstruction by use of discrete cosine and related transforms; Michael L. Reisch, et al., 358/432; 348/403 [IMAGE AVAILABLE]		
(U)			
(S)			
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(A)			
(N)	75. 5,157,488, Oct. 20, 1992, Adaptive quantization within the [JPEG] sequential mode; William B. Pennebaker, 348/405, 404 [IMAGE AVAILABLE]		
Retrie	76. 5,138,459, Aug. 11, 1992, Electronic still video camera with direct personal computer (PC) compatible digital format output; Marc K. Roberts, et al., 348/232, 233 [IMAGE AVAILABLE]		
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 Pick ' 1. 5,442,739, Aug. 15, 1995, Image processing including cut and paste  
 editing; Akira Saito, 395/138 [IMAGE AVAILABLE]

Number 2. 5,440,404, Aug. 8, 1995, Image signal compression apparatus and method  
 (1) using variable length encoding; Ichiro Okamoto, 358/432; 341/67; 358/261.1,  
 (4) 426, 427 [IMAGE AVAILABLE]

(7) 3. 5,434,623, Jul. 18, 1995, Method and apparatus for image data compression  
 (10) using combined luminance/chrominance coding; Charles H. Coleman, et al.,  
 (13) 348/405, 27 [IMAGE AVAILABLE]

(16) 4. 5,414,527, May 9, 1995, Image encoding apparatus sensitive to tone  
 (19) variations; Yutaka Koshi, et al., 358/433; 348/420; 358/429 [IMAGE AVAILABLE]

(22) 5. 5,408,328, Apr. 18, 1995, Compressed **image** virtual **editing** system;  
 Please Martin P. Boliek, et al., 358/261.4, 433, 452, 453 [IMAGE AVAILABLE]

List p 6. 5,367,341, Nov. 22, 1994, Digital video editor having lost video frame  
 (F) protection; Peter Schnorf, 348/616; 358/311; 360/14.2, 14.3 [IMAGE AVAILABLE]

(D) 7. 5,327,248, Jul. 5, 1994, Compressed **image** virtual **editing** system;  
 (S) Robert F. Miller, et al., 358/261.4; 348/415, 416; 358/432, 433, 452, 453;  
 (S) 382/233 [IMAGE AVAILABLE]

(S) 8. 5,325,297, Jun. 28, 1994, Computer implemented method and system for  
 Please storing and retrieving textual data and compressed image data; Susan W. Bird,  
 (C) et al., 364/419.07; 395/144 [IMAGE AVAILABLE]

(L) 9. 5,315,326, May 24, 1994, Efficient coding/decoding apparatuses for  
 Execut processing digital image signal; Kenji Sugiyama, 348/415, 409, 416 [IMAGE  
 (B) AVAILABLE]

(S) 10. 5,305,438, Apr. 19, 1994, Video storage, processing, and distribution  
 (S) system using recording format independent hierarchical storages and  
 (C) processors; Michael T. MacKay, et al., 395/164; 358/310; 360/9.1, 14.1, 33.1,  
 (C) 134; 395/449 [IMAGE AVAILABLE]

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 Pick 1. 5,442,739, Aug. 15, 1995, Image processing including cut and paste  
 editing; Akira Saito, 395/138 [IMAGE AVAILABLE]

Number 2. 5,440,404, Aug. 8, 1995, Image signal compression apparatus and method  
 (1) using variable length encoding; Ichiro Okamoto, 358/432; 341/67; 358/261.1,  
 (4) 426, 427 [IMAGE AVAILABLE]

(7) 3. 5,434,623, Jul. 18, 1995, Method and apparatus for image data compression  
 (10) using combined luminance/chrominance coding; Charles H. Coleman, et al.,  
 (13) 348/405, 27 [IMAGE AVAILABLE]

(16) 4. 5,414,527, May 9, 1995, Image encoding apparatus sensitive to tone  
 (19) variations; Yutaka Koshi, et al., 358/433; 348/420; 358/429 [IMAGE AVAILABLE]

(22) 5. 5,408,328, Apr. 18, 1995, Compressed **image** virtual **editing** system;  
 Please Martin P. Boliek, et al., 358/261.4, 433, 452, 453 [IMAGE AVAILABLE]

List 6. 5,367,341, Nov. 22, 1994, Digital video editor having lost video frame  
 P protection; Peter Schnorf, 348/616; 358/311; 360/14.2, 14.3 [IMAGE AVAILABLE]

(R) 7. 5,327,248, Jul. 5, 1994, Compressed **image** virtual **editing** system;  
 (D) Robert F. Miller, et al., 358/261.4; 348/415, 416; 358/432, 433, 452, 453;  
 (S) 382/233 [IMAGE AVAILABLE]

(S) 8. 5,325,297, Jun. 28, 1994, Computer implemented method and system for  
 Please storing and retrieving textual data and compressed image data; Susan W. Bird,  
 (C) et al., 364/419.07; 395/144 [IMAGE AVAILABLE]

(L) 9. 5,315,326, May 24, 1994, Efficient coding/decoding apparatuses for  
 processing digital image signal; Kenji Sugiyama, 348/415, 409, 416 [IMAGE  
 AVAILABLE]

Executive 10. 5,305,438, Apr. 19, 1994, Video storage, processing, and distribution  
 system using recording format independent hierarchical storages and  
 processors; Michael T. MacKay, et al., 395/164; 358/310; 360/9.1, 14.1, 33.1,  
 134; 395/449 [IMAGE AVAILABLE]

(S) => d 114 1-

(C) 1. 5,467,134, Nov. 14, 1995, Method and system for compressing video data;  
 (C) Stuart I. Laney, et al., 348/409, 415, 417, 418, 420, 422 [IMAGE AVAILABLE]

(R) 2. 5,461,422, Oct. 24, 1995, Quantizer with automatic pre-threshold;  
 (A) 2. 5,461,422, Oct. 24, 1995, Quantizer with automatic pre-threshold;  
 (A) Hsun-Chang Hsieh, 348/405, 419; 358/261.1 [IMAGE AVAILABLE]

Pick a 3. 5,459,518, Oct. 17, 1995, Segmenting **image** signals for **encoding** using  
 (U) quantization analysis; Larry Wickstrom, et al., 348/420, 405, 421  
 (S) [IMAGE AVAILABLE]

(T) 4. 5,457,496, Oct. 10, 1995, Digital **image** communication apparatus;  
 (A) Takashi Hamano, et al., 348/415, 409 [IMAGE AVAILABLE]

(N) 5. 5,457,495, Oct. 10, 1995, Adaptive video coder with dynamic bit  
 (Retrie) allocation; John Hartung, 348/414, 14, 15, 417, 418 [IMAGE AVAILABLE]

Execut 6. 5,455,629, Oct. 3, 1995, Apparatus for concealing errors in a digital  
 video processing system; Huifang Sun, et al., 348/466, 402, 420, 426  
 [IMAGE AVAILABLE]

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 Pick ' 7. 5,453,790, Sep. 26, 1995, Video decoder having asynchronous operation  
 with respect to a video display; Christophe D. G. Vermeulen, et al.,  
 348/411, 384 [IMAGE AVAILABLE]

Number (1) 8. 5,453,789, Sep. 26, 1995, Moving-image signal encoding apparatus;  
 (4) Yutaka Machida, et al., 348/400, 401, 420 [IMAGE AVAILABLE]

(7) (10) 9. 5,452,104, Sep. 19, 1995, Adaptive block size image compression method  
 and system; Chong U. Lee, 358/433; 348/404; 358/261.2 [IMAGE AVAILABLE]

(16) (19) 10. 5,448,297, Sep. 5, 1995, Method and system for encoding images using  
 skip blocks; Adnan Alattar, et al., 348/415, 396, 420 [IMAGE AVAILABLE]

(22) (25) 11. 5,442,400, Aug. 15, 1995, Error concealment apparatus for MPEG-like  
 video data; Huifang Sun, et al., 348/402, 409, 413, 416 [IMAGE AVAILABLE]

Please (28) 12. 5,440,346, Aug. 8, 1995, Mode selection for method and system for  
 encoding images; Adnan Alattar, et al., 348/420, 397, 416 [IMAGE AVAILABLE]

List p 13. 5,432,554, Jul. 11, 1995, Method and apparatus for decoding images  
 (P) using a specified data format; Brian Nickerson, et al., 348/391, 396  
 [IMAGE AVAILABLE]

(D) (S) 14. 5,428,393, Jun. 27, 1995, Moving image processing method and  
 (S) apparatus; Miyuki Enokida, 348/390, 402; 358/335; 360/15 [IMAGE AVAILABLE]

Please (S) 15. 5,426,673, Jun. 20, 1995, Discrete cosine transform-based image coding  
 (C) and decoding method; Sanjit K. Mitra, et al., 375/241; 348/398 [IMAGE  
 (L) AVAILABLE]

16. 5,418,620, May 23, 1995, Video signals recorder and player including  
 interframe calculating means; Masakazu Nishino, et al., 358/335, 342  
 [IMAGE AVAILABLE]

Execut 17. 5,404,160, Apr. 4, 1995, System and method for identifying a television  
 (B) program; Gary W. Schober, et al., 348/1, 461, 473; 455/2 [IMAGE AVAILABLE]

(S) (S) 18. 5,400,075, Mar. 21, 1995, Adaptive variable length encoder/decoder;  
 (S) Tristan Savatier, 348/384; 341/67; 348/390, 400, 404; 375/241 [IMAGE  
 (C) AVAILABLE]

(C) (R) 19. 5,398,068, Mar. 14, 1995, Method and apparatus for determining motion  
 (A) vectors for image sequences; Bede Liu, et al., 348/416, 699 [IMAGE AVAILABLE]

(A) (A) 20. 5,394,249, Feb. 28, 1995, Multisystem adaptable type signal processing  
 Pick a and recording/reproducing apparatus; Kenji Shimoda, et al., 358/335;  
 (U) 348/384, 390; 360/32, 33.1 [IMAGE AVAILABLE]

(S) (T) 21. 5,392,072, Feb. 21, 1995, Hybrid video compression system and method  
 (A) capable of software-only decompression in selected multimedia systems; Arturo  
 (N) A. Rodriguez, et al., 348/403, 384, 396, 419, 420 [IMAGE AVAILABLE]

Retrie 22. 5,389,965, Feb. 14, 1995, Video telephone station having variable  
 Execut image clarity; Andrew J. Kuzma, 348/14, 17, 19 [IMAGE AVAILABLE]

23. 5,387,938, Feb. 7, 1995, Adaptive interframe/intraframe block coding  
 method and apparatus; Hideki Fukuda, et al., 348/420 [IMAGE AVAILABLE]

24. 5,386,232, Jan. 31, 1995, Method and apparatus for encoding images

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 Pick ' using a specified data format; Stuart Golin, et al., 348/391, 396, 407  
 [IMAGE AVAILABLE]

Number (1) 25. 5,379,356, Jan. 3, 1995, Decompression processor for video applications;  
 (4) Stephen C. Purcell, et al., 382/233; 348/416; 382/236, 250 [IMAGE AVAILABLE]

(7) (10) 26. 5,376,968, Dec. 27, 1994, Adaptive compression of digital video data  
 using different modes such as PCM and DPCM; Allen Wu, et al., 348/413,  
 402 [IMAGE AVAILABLE]

(13) (16) (19) (22) 27. 5,371,547, Dec. 6, 1994, Apparatus for excising (and reinserting)  
 specific data from a compressed video data stream to reduce its transmission  
 bandwidth; Robert J. Siracusa, et al., 348/426, 384, 409; 370/94.1;  
 375/240 [IMAGE AVAILABLE]

Please 28. 5,367,385, Nov. 22, 1994, Method and apparatus for processing block  
 coded image data to reduce boundary artifacts between adjacent image  
 blocks; Xiancheng Yuan, 358/465; 348/420; 358/432 [IMAGE AVAILABLE]

List p (F) 29. 5,365,272, Nov. 15, 1994, Method for formatting compressed video data  
 into transport cells; Robert J. Siracusa, 348/426, 384, 409; 370/49.5,  
 99; 371/69.1; 375/285 [IMAGE AVAILABLE]

(D) (S) 30. 5,361,096, Nov. 1, 1994, Method and apparatus for multiplex transmission  
 of video signals in a plurality of channels with refresh control utilizing  
intraframe coding; Junichi Ohki, et al., 348/387, 413, 419 [IMAGE AVAILABLE]

Please (C) (L) 31. 5,359,365, Oct. 25, 1994, Moving image processing method and  
 apparatus; Miyuki Enokida, 348/390; 358/335; 360/15 [IMAGE AVAILABLE]

32. 5,353,062, Oct. 4, 1994, Method and apparatus for decoding moving  
 images encoded by inter-frame prediction and displaying it; Mitsuru Maeda,  
 348/412, 409 [IMAGE AVAILABLE]

Execut (E) 33. 5,351,085, Sep. 27, 1994, Method and system for generating compressed  
image signals; Rohan Coelho, et al., 348/391, 396 [IMAGE AVAILABLE]

(S) 34. 5,345,268, Sep. 6, 1994, Standard screen image and wide screen image  
 selective receiving and encoding apparatus; Toyohiko Matsuta, et al.,  
 348/384, 390, 394, 395, 400 [IMAGE AVAILABLE]

(C) (R) 35. 5,341,318, Aug. 23, 1994, System for compression and decompression of  
 video data using discrete cosine transform and coding techniques; Alexandre  
 Balkanski, et al., 364/725; 358/427; 364/715.02 [IMAGE AVAILABLE]

Pick a (U) 36. 5,337,085, Aug. 9, 1994, Coding technique for high definition television  
 signals; Lin-Nan Lee, et al., 348/398, 402, 410, 414, 416, 417  
 [IMAGE AVAILABLE]

(S) (T) (A) 37. 5,315,326, May 24, 1994, Efficient coding/decoding apparatuses for  
 processing digital image signal; Kenji Sugiyama, 348/415, 409, 416  
 [IMAGE AVAILABLE]

Retrie (N) 38. 5,311,310, May 10, 1994, High efficiency coder and method employing  
 overlapped motion compensation and perfect reconstruction filter banks;  
 Hirohisa Jozawa, et al., 348/416, 607, 699 [IMAGE AVAILABLE]

Execut 39. 5,299,019, Mar. 29, 1994, Image signal band compressing system for  
 digital video tape recorder; Seung K. Pack, et al., 358/261.3; 348/405,  
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 413, 416; 358/261.2, 432, 433, 530, 539; 382/236, 250 [IMAGE AVAILABLE]

Pick , 40. 5,291,283, Mar. 1, 1994, Decoding apparatus of a compressed digital  
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Number (1) 41. 5,289,276, Feb. 22, 1994, Method and apparatus for conveying compressed  
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 348/469, 384, 426, 473; 371/69.1; 375/285 [IMAGE AVAILABLE]

(4) 42. 5,283,646, Feb. 1, 1994, Quantizer control method and apparatus; John E.  
 Bruder, 348/413; 341/76, 77; 348/420; 358/429; 375/245 [IMAGE AVAILABLE]

(7) 43. 5,276,525, Jan. 4, 1994, Two-dimensional block scanning for subband  
 image and video coding; Hamid Gharavi, 358/261.1; 348/398; 358/261.3,  
 426, 432 [IMAGE AVAILABLE]

(10) Please 44. 5,270,832, Dec. 14, 1993, System for compression and decompression of  
 video data using discrete cosine transform and coding techniques; Alexandre  
 Balkanski, et al., 358/432, 426, 433, 479 [IMAGE AVAILABLE]

(13) List P 45. 5,267,334, Nov. 30, 1993, Encoding/decoding moving images with  
 forward and backward keyframes for forward and reverse display; James O.  
 Normille, et al., 382/236; 348/401, 409; 382/239 [IMAGE AVAILABLE]

(16) (S) 46. 5,262,854, Nov. 16, 1993, Lower resolution HDTV receivers; Sheau-Bao Ng,  
 348/420, 416, 699 [IMAGE AVAILABLE]

(19) Please 47. 5,253,058, Oct. 12, 1993, Efficient coding scheme for multilevel video  
 transmission; Hamid Gharavi, 348/413, 409 [IMAGE AVAILABLE]

(22) 48. 5,247,363, Sep. 21, 1993, Error concealment apparatus for HDTV  
 receivers; Huifang Sun, et al., 348/516, 601, 700; 358/336 [IMAGE AVAILABLE]

(25) Execut 49. 5,245,428, Sep. 14, 1993, Television system for transmitting picture  
 signals in a digital format; Peter H. N. De With, et al., 348/420, 473;  
 358/335 [IMAGE AVAILABLE]

(28) (S) 50. 5,243,428, Sep. 7, 1993, Method and apparatus for concealing errors in a  
 digital television; Kiran S. Challapali, et al., 348/607, 603, 610;  
 371/31 [IMAGE AVAILABLE]

(31) (S) 51. 5,241,382, Aug. 31, 1993, Digital HDTV data packet format and receiver  
 therefor; Woo H. Paik, et al., 348/426, 472 [IMAGE AVAILABLE]

(34) (A) 52. 5,235,420, Aug. 10, 1993, Multilayer universal video coder; Hamid  
 Gharavi, 348/398, 400, 409 [IMAGE AVAILABLE]

(37) (A) 53. 5,235,419, Aug. 10, 1993, Adaptive motion compensation using a plurality  
 of motion compensators; Edward A. Krause, 348/416, 700 [IMAGE AVAILABLE]

(40) (N) 54. 5,231,384, Jul. 27, 1993, Apparatus for splitting video signal between  
 two channels; Joseph Kuriacose, 348/426, 388, 409, 415 [IMAGE AVAILABLE]

Retrie 55. 5,228,028, Jul. 13, 1993, System including packet structure and devices  
 for transmitting and processing output information from a signal encoder;  
 Silvio Cucchi, et al., 370/94.1; 348/402; 360/48; 371/31 [IMAGE AVAILABLE]

Execut 56. 5,214,507, May 25, 1993, Video signal quantization for an MPEG like  
 coding environment; Rangarajan Aravind, et al., 348/390, 415; 382/239  
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 [IMAGE AVAILABLE]

Pick , 57. 5,212,549, May 18, 1993, Error concealment apparatus for a compressed video signal processing system; Sheau-Bao Ng, et al., 348/409 [IMAGE AVAILABLE]

Number (1) 58. 5,210,605, May 11, 1993, Method and apparatus for determining motion vectors for image sequences; Andre Zaccarin, et al., 348/416, 699 [IMAGE AVAILABLE]

(4) 59. 5,208,665, May 4, 1993, Presentation player for an interactive digital communication system; Karl W. McCalley, et al., 348/12; 455/5.1 [IMAGE AVAILABLE]

(7) 60. 5,198,900, Mar. 30, 1993, Video signal encoding apparatus; Ikuo Tsukagoshi, 348/415, 382 [IMAGE AVAILABLE]

(10) 61. 5,196,946, Mar. 23, 1993, System for compression and decompression of video data using discrete cosine transform and coding techniques; Alexandre Balkanski, et al., 358/438, 427; 382/166, 277 [IMAGE AVAILABLE]

(13) 62. 5,193,002, Mar. 9, 1993, Apparatus for the coding/decoding of image signals; Jacques Guichard, et al., 348/415, 409; 358/261.3 [IMAGE AVAILABLE]

(16) 63. 5,191,436, Mar. 2, 1993, Method for recording coded motion picture data; Jun Yonemitsu, 358/355, 311, 313; 360/14.1 [IMAGE AVAILABLE]

(19) 64. 5,191,414, Mar. 2, 1993, Interfield predictive encoder and decoder for reproducing a signal subjected to predictive encoding by encoder into an image signal; Kenji Sugiyama, 348/415, 409 [IMAGE AVAILABLE]

(22) 65. 5,191,410, Mar. 2, 1993, Interactive multimedia presentation and communications system; Karl W. McCalley, et al., 348/13; 379/105 [IMAGE AVAILABLE]

(25) 66. 5,185,819, Feb. 9, 1993, Video signal compression apparatus for independently compressing odd and even fields; Sheau-Bau Ng, et al., 382/234; 348/409, 412; 382/233 [IMAGE AVAILABLE]

(28) 67. 5,155,593, Oct. 13, 1992, Video signal coding method; Jun Yonemitsu, et al., 348/413, 411 [IMAGE AVAILABLE]

(31) 68. 5,150,432, Sep. 22, 1992, Apparatus for encoding/decoding video signals to improve quality of a specific region; Hideyuki Ueno, et al., 382/250; 348/438, 57G; 382/171 [IMAGE AVAILABLE]

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(U) 70. 5,144,425, Sep. 1, 1992, Apparatus for hierarchically dividing video signals; Kuriacose Joseph, 348/419, 408 [IMAGE AVAILABLE]

(S) 71. 5,140,437, Aug. 18, 1992, Recording/reproducing compressed data on a rotatable record medium in which at least one intraframe code signal and at least (n-1) interframe code signals are recorded in each track; Jun Yonemitsu, et al., 358/342; 348/415; 358/355; 360/32, 33.1 [IMAGE AVAILABLE]

(T) 72. 5,136,371, Aug. 4, 1992, Digital image coding using random scanning; 17:08:15 COPY AND CLEAR PAGE, PLEASE

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 Pick ' Tristan Savatier, et al., 348/419, 409; 358/261.3, 26; 364/725  
 [IMAGE AVAILABLE]

Number 73. 5,134,476, Jul. 28, 1992, Video signal encoding with bit rate control;  
 (1) Rangarajan Aravind, et al., 348/415, 390 [IMAGE AVAILABLE]

(4) 74. 5,122,875, Jun. 16, 1992, An HDTV compression system; Dipankar  
 (7) Raychaudhuri, et al., 348/390, 425; 370/110.1; 375/241, 253 [IMAGE AVAILABLE]

(10) 75. 5,122,868, Jun. 16, 1992, Side panel signal processor for a widescreen  
 (13) television system; Michael A. Isnardi, 348/584, 904 [IMAGE AVAILABLE]

(16) 76. 5,117,288, May 26, 1992, Method of decoding coded image data  
 (19) utilizing transmission error detection to interrupt decoding and up-dating;  
 (22) Volker Eisenhardt, et al., 348/409, 607 [IMAGE AVAILABLE]

Please 77. 5,115,301, May 19, 1992, Apparatus for eliminating a motion artifact in  
 a widescreen television signal; Robert N. Hurst, Jr., 348/469, 904 [IMAGE  
 AVAILABLE]

List p 78. 5,113,496, May 12, 1992, Bus interconnection structure with redundancy  
 (R) linking plurality of groups of processors, with servers for each group  
 (D) mounted on chassis; Karl W. McCalley, et al., 395/306; 340/825.03, 827;  
 (S) 364/222.2, 222.3, 227.1, 228.3, 229, 229.5, 236.2, 237.2, 237.3, 237.8, 238,  
 (S) 238.3, 239, 239.8, 239.9, 240, 240.2, 241.9, 242.4, 242.94, 242.96, 248.1,  
 (S) 260, 260.2, 263.1, 268, 268.3, 268.7, 268.9, 271, 271.4, 282.1, 284, 284.2,  
 Please 284.3, 919, 931.43, 940.68, DIG.1; 395/182.02 [IMAGE AVAILABLE]

(C) 79. 5,107,345, Apr. 21, 1992, Adaptive block size image compression method  
 (L) and system; Chong U. Lee, 358/432; 348/403, 420; 358/261.1, 261.4,  
 433; 382/250 [IMAGE AVAILABLE]

80. 5,067,015, Nov. 19, 1991, Method of processing video image data for  
 Execut use in the storage or transmission of moving digital images; Brian L.  
 Combridge, et al., 348/398, 413, 421 [IMAGE AVAILABLE]

(S) 81. 5,057,918, Oct. 15, 1991, Arrangement for encoding two-dimensional  
 (S) information, grouped in periodical information clusters using motion vector  
 (S) processing in a hybrid DPCM encoder; Pascal Denoyelle, et al., 348/402  
 (C) [IMAGE AVAILABLE]

(C) 82. 5,055,927, Oct. 8, 1991, Dual channel video signal transmission system;  
 (R) Heinz-Werner Keesen, et al., 348/389, 437 [IMAGE AVAILABLE]

(A) 83. 5,055,916, Oct. 8, 1991, Chrominance encoding for a widescreen  
 (A) television system; Charles B. Dieterich, 348/433, 436 [IMAGE AVAILABLE]

(N) 84. 5,049,991, Sep. 17, 1991, Movement compensation predictive  
 (N) coding/decoding method; Takami Niihara, 348/416 [IMAGE AVAILABLE]

Retrie 85. 5,021,891, Jun. 4, 1991, Adaptive block size image compression method  
 Execut and system; Chong U. Lee, 358/432, 433; 382/250 [IMAGE AVAILABLE]

86. 5,014,267, May 7, 1991, Video conferencing network; E. Neal Tompkins, et  
 al., 370/62; 395/200.04 [IMAGE AVAILABLE]

87. 5,010,401, Apr. 23, 1991, Picture coding and decoding apparatus using  
 vector quantization; Tokumichi Murakami, et al., 348/417 [IMAGE AVAILABLE]

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88. 5,001,561, Mar. 19, 1991, Embedded coding system for video signals;  
Barin G. Haskell, et al., 348/400, 417; 364/725 [IMAGE AVAILABLE]

Number 89. 5,001,559, Mar. 19, 1991, Transform coding using coefficient prediction  
(1) techniques; Cesar A. Gonzales, et al., 348/400 [IMAGE AVAILABLE]

(4) 90. 4,999,705, Mar. 12, 1991, Three dimensional motion compensated video  
(7) coding; Atul Puri, 348/412 [IMAGE AVAILABLE]

(10) 91. 4,999,704, Mar. 12, 1991, System for efficiently coding a moving-picture  
(13) signal, capable of selecting several different coding systems; Ichiro Ando,  
(16) 348/401 [IMAGE AVAILABLE]

(19) 92. 4,987,490, Jan. 22, 1991, Decoding device capable of forwardly and  
(22) backwardly reproducing pictures with a high quality; Mutsumi Ohta, 348/415  
(25) [IMAGE AVAILABLE]

Please 93. 4,969,040, Nov. 6, 1990, Apparatus and method for differential sub-band  
List p coding of video signals; Hamid Gharavi, 348/398, 415, 419 [IMAGE AVAILABLE]

(F) 94. 4,942,467, Jul. 17, 1990, Predictor controlled encoder for digital  
(D) transmission systems; Harvey Waldman, et al., 348/412 [IMAGE AVAILABLE]

(S) 95. 4,931,879, Jun. 5, 1990, Image processing system for recording or  
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(S) two predictive coding methods and combining the results of those methods;  
Please Toshio Koga, et al., 358/335; 348/412; 358/430 [IMAGE AVAILABLE]

(C) 96. 4,924,311, May 8, 1990, Dual-mode teleconferencing system; Jun'ichi  
(L) Ohki, et al., 348/408 [IMAGE AVAILABLE]

97. 4,903,124, Feb. 20, 1990, Image information signal transmission  
apparatus; Nobuhiro Hoshi, et al., 348/422 [IMAGE AVAILABLE]

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(S) 348/389 [IMAGE AVAILABLE]

(S) 99. 4,858,005, Aug. 15, 1989, System for encoding broadcast quality  
(C) television signals to enable transmission as an embedded code; Nicolas K.  
(C) Lodge, 348/415 [IMAGE AVAILABLE]

(R) 100. 4,845,562, Jul. 4, 1989, Widescreen television reception and recording  
(A) system utilizing conventional equipment; Joshua L. Koslov, et al., 358/335;  
(A) 348/445 [IMAGE AVAILABLE]

Pick a 101. 4,827,336, May 2, 1989, Symbol code generation processing from  
(U) interframe DPCM of IDM'd spatial-frequency analyses of video signals;  
(S) Alfonse A. Acampora, et al., 348/396 [IMAGE AVAILABLE]

(T) 102. 4,825,285, Apr. 25, 1989, Hybrid encoder; Joachim Speidel, et al.,  
(A) 348/401; 364/725; 375/245; 382/248, 264 [IMAGE AVAILABLE]

(N) 103. 4,792,851, Dec. 20, 1988, Method and apparatus for coding motion  
Retrie image signal; Takashi Mochizuki, 348/402 [IMAGE AVAILABLE]

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indicator signal; Harvey Waldman, et al., 348/397, 412, 419 [IMAGE AVAILABLE]

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 105. 4,734,767, Mar. 29, 1988, Encoder capable of faithfully and adaptively encoding a moving image; Masahide Kaneko, et al., 348/400 [IMAGE AVAILABLE]

Number  
 (1) 106. 4,723,161, Feb. 2, 1988, Method and arrangement of coding digital image signals utilizing Interframe correlation; Toshio Koga, 348/402 [IMAGE AVAILABLE]  
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 (28) 107. 4,722,002, Jan. 26, 1988, Method and apparatus for encoding/decoding image signal; Takashi Mochizuki, et al., 348/384; 375/248 [IMAGE AVAILABLE]  
 108. 4,710,917, Dec. 1, 1987, Video conferencing network; E. Neal Tompkins, et al., 370/62; 348/15; 379/202; 395/200.04, 200.12, 311 [IMAGE AVAILABLE]

Please 109. 4,710,813, Dec. 1, 1987, Low bandwidth video teleconferencing system and method; Robert H. Wallis, et al., 348/416 [IMAGE AVAILABLE]

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 (S) 111. 4,704,628, Nov. 3, 1987, Combined intraframe and interframe transform coding system; Wen-hsiung Chen, et al., 348/400; 375/244 [IMAGE AVAILABLE]  
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113. 4,689,671, Aug. 25, 1987, Coding apparatus for moving object image; Junichi Ohki, et al., 348/416; 375/246 [IMAGE AVAILABLE]

114. 4,686,698, Aug. 11, 1987, Workstation for interfacing with a video conferencing network; E. Neal Tompkins, et al., 348/230 [IMAGE AVAILABLE]

Execut 115. 4,591,909, May 27, 1986, Interframe coding method and apparatus therefor; Hideo Kuroda, et al., 348/415; 375/246 [IMAGE AVAILABLE]  
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 (S) 116. 4,488,175, Dec. 11, 1984, DPCM Video signal processing technique with spatial subsampling; Arun N. Netravali, 348/409, 424; 375/245 [IMAGE AVAILABLE]  
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 (A) 117. 4,281,344, Jul. 28, 1981, Video interframe transform coding technique; Frank W. Mounts, et al., 348/401 [IMAGE AVAILABLE]  
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 (N) 119. 4,173,771, Nov. 6, 1979, High speed predictive encoding and decoding system for television video signals; Yukihiko Iijima, 348/409; 358/430 [IMAGE AVAILABLE]

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